

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,053,673 B1
APPLICATION NO. : 09/672803
DATED : May 30, 2006
INVENTOR(S) : Jiren Yuan

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, Line 3: Change " $Q_1 = (2 \sin(\omega_1 \Delta \omega_i) I_i \sin$ " to -- $Q_1 = (2 \sin(\omega_1 \Delta t / \omega_i) I_i \sin$ --

Column 5, Line 15: Change "GHZ" to --GHz--

Column 6, Line 60: Change " $n \leq 10$ " to -- $n = 10$ --

Col. 11, Line 1: Change "of the sceond" to --of the first--

Col. 11, Line 5: Change "outpu" to --output--

Col 12, Line 31: Change "when $(2p-1)f_{c-fin1} = f_{in2} - (2p-1)f_c$ " to --when $(2p-1)f_c - f_{in1} = f_{in2} - (2p-1)f_c$ --

Col. 13, Line 11: Change "output;" to --output;--

Col. 13, Line 17: Change "connecte" to --connected--

Col. 13, Line 25: Change "the signal outpu" to --the signal output--

Col 13, Line 33: Change "T-clock" to --l-clock--

Col. 14, Line 63: Change "sampling circuit," to --sampling circuit--

Col. 14, Line 64: Change "sampling circuits" to --sampling circuits,--

Col. 14, Line 65: Change "each having a differential charge sampling circuit," to --each differential charge sampling circuit--

Col. 15, Line 13: Change "analog inputs," to --analog inputs;--

Col. 17, Line 2: Change "bandpass" to --band-pass--

Col. 17, Line 22: Change "output pair is" to --output is--

Col. 17, Line 49: Change "A charge sampling," to --A charge sampling circuit,--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 18, lines 2-3: Change "a first active integrator;" to --a first integrator;--

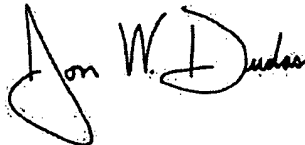
Col. 18, lines 4-5: Change "a second active integrator;" to --a second integrator;--

Col. 18, lines 45-46: Change "is from time $t_3 = (t_1 + t_2)/2$ and" to --is from time t_1 to time t_2 , said sample represents the instant value of said analog signal at time $t_3 - (t_1 + t_2) / 2$ and--

Col. 18 line 50: Change " $t = (T_2 - t_1)/2$." to -- $t = (t_2 - t_1) / 2$.--

Signed and Sealed this

Ninth Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" for "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office